



DEPARTMENT OF ENVIRONMENT AND CONSERVATION
TENNESSEE DIVISION OF AIR POLLUTION CONTROL
ANNUAL INSPECTION

Facility No.: 59-0061
State Category: Title V

Lead Inspector: JWK

Date Inspected: November 19, 2014

On-Site: ☒ YES ☐ NO

Company Name: Calsonic Kansei North America, Inc.
Location address: 201 Garrett Parkway
City/State/Zip: Lewisburg, TN 37091
Mailing Address, if different: n/a

Responsible Official/Title: Roger Murphree / Director of Plastics
Phone: 931-270-2852
E-Mail Address: roger_murphree@ck-mail.com

Facility Contact/Title: Theresa Ervin / Environmental Engineer
Phone: 931-680-6522
E-Mail Address: theresa_ervin@ck-mail.com

Date of the last annual inspection: July 30, 2013

Time period covered by this inspection, from: July 30, 2013 to: November 19, 2014

Is inspection partial or comprehensive? Comprehensive

Total time required for this inspection (hours): 24.5

Was company in compliance during entire inspection time period? ☒ YES ☐ NO

If NO, enter data below and explain violation(s) after table.

Violation(s) Description	NOV Date	Issued By (EFO, CV, Permitting)	EAR #
n/a	n/a	n/a	n/a

Comments: n/a

Current Compliance Status: ☒ IN ☐ OUT

If OUT, provide explanation.

Comments: n/a

Description of Facility Operations:

This facility consists of: surface coating of plastic automotive components (pt. 01), surface coating of plastic automotive instrument panels with thermal oxidizer control (pt. 03), and a wave soldering operation (pt. 23).

Review Status of Required Reports:

Include all reports due/reviewed since last AI report

Report Type (SAR, ACC, MACT, CM)	Timeframe Report Covers	Due Date	Received in CO	Received in EFO	Postmarked Date	Reviewed Date	Report Adequate (Y/N) if N, explain below	SL Report Tracking Number
MACT SAR	10-01-2012 through 03-31-2013	05-31-2013	05-22-2013	n/a	n/a	02-13-2014	unknown	14451
MACT SAR	04-01-2013 through 09-30-2013	11-29-2013	11-12-2013	n/a	n/a	02-13-2014	unknown	16209
SAR	04-01-2013 through 09-30-2013	11-29-2013	n/a	11-07-2013	n/a	11-07-2013	Yes	15324
ACC	10-01-2012 through 09-30-2013	11-29-2013	11-12-2013	11-19-2013	n/a	11-19-2013	Yes	14128
SAR	10-01-2013 through 03-31-2014	05-30-2014	n/a	05-08-2014	n/a	05-08-2014	Yes	17023
MACT SAR	10-01-2013 through 03-31-2014	05-30-2014	05-08-2014	n/a	n/a	05-16-2014	Yes	17027
ACC	10-01-2013 through 09-30-2014	11-29-2014	n/a	11-24-2014	11-24-2014	11-25-2014	Yes	16210
SAR	04-01-2014 through 09-30-2014	11-29-2014	n/a	11-24-2014	11-24-2014	11-25-2014	Yes	18271
MACT SAR	04-01-2014 through 09-30-2014	11-29-2014	11-25-2014	n/a	unknown	unknown	unknown	18032

Comments: n/a

Visible Emissions Status/Evaluations:

All emission points observed and no visible emissions seen: X YES NO

Source Number & Stack ID	Date of VEE	Limit/Method	Compliance Status (IN/OUT)
n/a	n/a	n/a	n/a

Comments about visible emissions observed if no VEE conducted: n/a

1) Permit Status:

For each permit used for this inspection, repeat items 1-5 to include details for each permit.

Permit Number	Source Number(s)	Issue/Amendment/Modification Date	Expiration Date	Next Application Due Date	Next Application Received Date
563336	01, 03, 23	Issued: 03-05-2013 Amendment: 05-02-2014	03-04-2018	06-07-2017 through 09-05-2017	n/a

Comments: Administrative Amendment #1 was issued merely to change the responsible official.

2) Mass Emission Limits:

Source Number	Permit Condition	Condition Limit	Maximum During Review Period
01	E5-1	PM: 0.02 gr./dscf. (26.06 lbs./hr. and 114.14 tons/yr.)	0.4 tons/yr. (12 months ending Apr. – May, 2014)
01	E5-2	VOC: 200 tons/12 cons. months	32.4 tons (12 months ending Aug. 2013)
03	E6-1	PM: 2.2 tons/12 cons. months	0.0 tons/12 cons. months
03	E6-2	VOC: 5.0 tons/12 cons. months	0.0 tons/12 cons. months
23	E7-1	VOC: 16.26 tons/12 cons. months	1.74 tons (12 months ending Feb.-Mar. 2014)
23	E7-2	Pb: 12.75 lbs./month (0.0765 ton/12 cons. months)	3.0 lbs. (Sep. 2013) 0.01 tons/12 cons. months

Comments: n/a

3) Process Parameters (feed rates, input limits, work practice standards, etc.):

Source Number	Permit Condition	Condition Limit	Maximum During Review Period
01	E5-1	No surface coating shall occur in any spray booth without using the filter control devices.	n/a - Filter control devices in operation.
03	E6-2	No operation without use of thermal oxidizer control equipment	Source not in operation during review period.
23	E7-2	Solder usage < 8.5 tons/month	2.0 tons (Sep. 2013)

Comments: n/a

4) Control Equipment Operating Parameters (flow rates, pressure drop, temperature, etc.):

Source Number	Permit Condition	Condition Limit	Value During On-Site Inspection	Compliance Maintained (Yes/No)
03	E6-2	Minimum combustion chamber temperature of 1400°F averaged over a three-hour period	Not in operation	n/a
03	E6-2	Average facial air velocity shall be at least 200 ft./min. into the enclosure. Other access doors and windows shall be closed during routine process	Not in operation	n/a

Annual Inspection

		operation.		
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Comments: n/a

5) On-Site Review of Facility Records and Operating Logs:

Source Number	Permit Condition	Type of Record/Log	Review Time Frame	Compliance (Yes/No)
Facility wide	E3-1	Purchase orders/invoices for all VOC and HAP containing materials as well as MSDS	Jul. 2013 – Oct. 2014	Yes
Facility wide	E3-3	VOC and HAP emissions	Jul. 2013 – Oct. 2014	Yes
Facility wide	E3-6	Monthly maintenance records for each air pollution control device	Jul. 2013 – Oct. 2014	Yes
01	E5-1	Monthly log of total paint usage Filter removal logs PM emissions records	Jul. 2013 – Oct. 2014	Yes
03	E6-1	Monthly log of total paint usage Filter removal logs PM emissions records	Jul. 2013 – Oct. 2014	Not in operation during review period
03	E6-2	Thermal oxidizer temperature records NDO air velocity records	Jul. 2013 – Oct. 2014	Not in operation during review period
23	E7-3	Solder usage records Lead emissions records	Jul. 2013 – Oct. 2014	Yes

Comments: n/a

Additional Information:

A copy of the Department's *Mercury-Added Product Disposal Requirements* was given to the facility for review: ☒ YES ☐ NO

Was any complaint received? ☐ YES ☒ NO

If YES, provide comments: n/a

Has open burning occurred at this facility? ☐ YES ☒ NO

If YES, provide comments: n/a

Was any stack testing required? ☐ YES ☒ NO

If YES, provide comments: n/a

Was any stack testing performed? ☐ YES ☒ NO

If YES, provide comments: n/a

Was there any air-related construction/modification? ☐ YES ☒ NO

If YES, provide comments: n/a

Is any air-related construction/modification planned? ☐ YES ☒ NO

If YES, provide comments: n/a

Are there any unpermitted and/or exempt sources (e.g., generators, stationary engines, boilers) that need further attention? _____ YES X NO

If YES, provide comments: n/a

John W. Kowal
Lead Inspector's Name

12-10-14
Date

VEE Certification Number: 2403
Certification Expiration Date: March 2015

I verify that the format and content of this report conforms to established TN Division of Air Pollution Control annual inspection standard operational procedures guidance and that the compliance determination made in this report is correct.

Jeff Cales
Supervisor/Manager

December 10, 2014
Date